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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	1				
	ART CITED BY APPLICANT several sheets if necessary)	APPLICANT Billy D. Fellers				
		FILING DATE August 22, 2003	GROUP Not Yet Assigned			

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME OF INVENTOR	CLASS	SUBCLASS	FILING DATE (if appropriate)
Th	1,570,854	Jan. 26, 1926	C. H. Nordell	,	1	Sept. 12, 1922
1	2,173,909	Sept. 26, 1939	Wolf Kritchevsky	209	106	June 28, 1937
1	3,189,557	June 15, 1965	R. G. Shaler	252	428	Apr. 6, 1964
	3,206,127	Sept. 14, 1965	H. H. Morris et al.	241	4	Nov. 6, 1962
	3,320,027	May 16, 1967	Robert N. Maynard et al.	23	110	May 5, 1964
	3,439,801	Apr. 22, 1969	Horton H. Morris et al.	209	5	Oct. 15, 1965
	3,572,500	Mar. 30, 1971	Anastasios P. Kouloheris	209	5	June 18, 1968
	3,713,593	Jan. 30, 1973	Horton H. Morris et al.	241	27	Aug. 11, 1970
	3,891,580	June 24, 1975	Horton H. Morris et al.	260	8	Oct. 26, 1973
	3,902,993	Sept. 2, 1975	Abbott F. Houser et al.	209	156	Feb. 20, 1974
	3,934,825	Jan. 27, 1976	Pierre Delfosse et al.	241	15	Oct. 23, 1973
	3,961,971	June 8, 1976	William F. Abercrombie Jr., et al.	106	72	Dec. 9, 1974
	3,974,067	Aug. 10, 1976	Alan J. Nott	209	3	Oct. 8, 1974
	3,980,240	Sept. 14, 1976	Alan J. Nott	241	20	Apr. 11, 1975
	3,990,642	Nov. 9, 1976	Alan J. Nott	241	20	June 27, 1975
	4,033,863	July 5, 1977	Spencer A. Stone	200	159	Dec. 19, 1975
7	4,055,485	Oct. 25, 1977	Alan J. Nott	209	3	July 28, 1976
	4,078,941	Mar. 14, 1978	Wayne M. Bundy	106	308	Dec. 6, 1976
	4,097,372	June 27, 1978	Alan J. Nott	209	3	July 8, 1976
	4,222,857	Sept. 16, 1980	James R. McCarthy	209	9	Dec. 15, 1977
	4,227,920	Oct. 14, 1980	John H. Chapman et al.	75	IR	July 18, 1978
	4,247,524	Jan. 27, 1981	John J. Leonard	423	118	Oct. 1, 1979
	4,252,642	Feb. 24, 1981	Takuo Mohri	209	452	June 20, 1977
	4,281,799	Aug. 4, 1981	Robin R. Oder	241	24	Apr. 6, 1979
	4,299,807	Nov. 10, 1981	Brian R. Angel et al.	428	321	June 3, 1980
	4,401,633	Aug. 30, 1983	Hsiang-ning Sun	423	118	Jan. 28, 1982
	4,401,634	Aug. 30, 1983	Hsiang-ning Sun	423	118	Jan. 28, 1982
	4,419,228	Dec. 6, 1983	Jerry A. Cook et al.	209	9	Aug. 6, 1982
	4,428,919	Jan. 31, 1984	David A. Stermole et al.	423	474	May 3, 1982
	4,430,209	Feb. 7, 1984	James Q. Merck	209	3	Feb. 16, 1982
	4,451,440	May 29, 1984	Thomas D. Thompson III	423	112	Oct. 28, 1982
	4,460,477	July 17, 1984	Christine A. Costello et al.	2 0	701	Aug. 25, 1982
	4,468,317	Aug. 28, 1984	Ralph E. Turner, Jr.	209	5	Apr. 26, 1982
	4,492,628	Jan. 8, 1985	Raymond H. Young et al.	209	5	Aug. 25, 1982
	4,510,254	Apr. 9, 1985	Horton H. Morris et al.	501	146	Jan. 23, 1984
1/1	4,533,464	Aug. 6, 1985	Michael J. Smith et al.	209	148	May 25, 1983

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EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME OF INVENTOR	CLASS	ŞUBCLASS	FILING DATE (if appropriate)
M	4,554,066	Nov. 19, 1985	David M. Turbitt et al.	209	3	Jan. 4, 1984
7	4,618,374	Oct. 21, 1986	Thomas D. Thompson III et al.	106	288B	Mar. 29, 1985
1	4,629,556	Dec. 16, 1986	Roe-Hoan Yoon et al.	209	106	Nov. 29, 1984
	4,703,025	Oct. 27, 1987	George T. Kokotailo et al.	\$02	60	Feb. 24, 1987
	4,746,421	May 24, 1988	David M. Turbitt	209	3	July 9, 1985
	4,770,352	Sept. 13, 1988	Shigehito Takamoto et al.	241	72	Apr. 17, 1987
	4,781,298	Nov. 1, 1988	Glen A. Hemstock et al.	209	3	Dec. 3, 1986
	4,789,464	Dec. 6, 1988	Michael H. Kuryluk	209	161	Aug. 20, 1987
	4,851,048	July 25, 1989	J. Philip E. Jones et al.	106	446	Sept. 19, 1986
	4,934,142	June 19, 1990	Kotaro Hayashi et al.	60	291	Dec. 7, 1988
	4,935,391	June 19, 1990	Frank E. Caropreso et al.	501	146	Mar. 31, 1989
	4,943,324	July 24, 1990	Wayne M. Bundy et al.	106	486	May 23, 1988
	4,961,843	Oct. 9, 1990	Robert M. Lewis	209	210	Apr. 10, 1989
	4,989,794	Feb. 5, 1991	Herbert F. Askew et al.	241	16	Jan. 26, 1990
	4,997,550	Mar. 5, 1991	Gary L. Cobb et al.	209	166	Nov. 13, 1989
	5,061,461	Oct. 29, 1991	Paul Sennett et al.	421	112	Aug. 22, 1990
	5,083,712	Jan. 28, 1992	Herbert F. Askew et al.	241	16	Dec. 3, 1990
	5,084,186	Jan. 28, 1992	Ian C.R. Gilchrist	210	709	June 19, 1990
	5,085,707	Feb. 4, 1992	Wayne M. Bundy et al.	100	486	June 14, 1990
	5,114,691	May 19, 1992	Thomas J. Pinnavaia et al.	423	244	June 8, 1990
	5,114,898	May 19, 1992	Thomas J. Pinnavaia et al.	502	406	Sept. 28, 1990
	5,116,587	May 26, 1992	Thomas J. Pinnavaia et al.	428	244	Jan. 18, 1990
	5,128,027	July 7, 1992	Naguib Halaka et al.	209	5	June 7, 1990
	5,132,027	July 21, 1992	Naohiko Ukawa et al.	210	787	Nov. 21, 1990
	5,143,599	Sept. 1, 1992	Gary Derdall et al.	209	166	July 29, 1991
	5,151,124	Sept. 29, 1992	C. Arlyn Rice	106	416	June 4, 1990
	5,161,694	Nov. 10, 1992	Roe-Hoan Yoon et al.	209	5	Apr. 24, 1990
	5,190,900	Mar. 2, 1993	Luigi Toro et al.	501	148	Oct. 3, 1991
	5,266,539	Nov. 30, 1993	Bruno Passariello	501	149	Sept. 9, 1992
	5,342,443	Aug. 30, 1994	Ellen S. Forbus et al.	106	488	Apr. 6, 1993
	5,358,701	Oct. 25, 1994	Thomas J. Pinnavaia et al.	423	2421	Nov. 16, 1992
	5,391,526	Feb. 21, 1995	Mitchell J. Willis et al.	501	146	Mar. 14, 1994
	5,397,754	Mar. 14, 1995	Joseph Iannicelli et al.	501	145	Oct. 21, 1993
	5,407,140	Apr. 18, 1995	Charles H. Lofthouse et al.	241	21	July 7, 1993
	5,454,865	Oct. 3, 1995	Michael W. Ginn et al.	106	486	Dec. 23, 1993
1	5,603,411	Feb. 18, 1997	Danny L. Williams et al.	209	5	Feb. 5, 1996
7	5,616,251	Apr. 1, 1997	Kareem I. Batarseh	210	725	Nov. 20, 1995
1	5,685,900	Nov. 11, 1997	Jun Yuan et al.	106	487	Oct. 18, 1995
	5,785,938	July 28, 1998	Thomas J. Pinnavaia et al.	423	244.01	Aug. 2, 1996
	5,804,077	Sept. 8, 1998	Russell G. Smith	210	702	Aug. 16, 1996
	5,804,526	Sept. 8, 1998	Naohiro Satoh et al.	502	304	Dec. 11, 1996
	5,830,818	Nov. 3, 1998	Jeffrey C. Bruns et al.	501	141	Apr. 23, 1997
	5,840,113	Nov. 24, 1998	Gary M. Freeman et al.	106	487	Apr. 14, 1998
	5,935,529	Aug. 10, 1999	Mika Saito et al.	A22	77	Sept. 6, 1996
	5,939,037	Aug. 17, 1999	Jeffrey S. Hepburn et al.	423	213.5	Feb. 7, 1997
	5,943,857	Aug. 31, 1999	Graham Paul Ansell et al.	60	274	June 5, 1996
	5,948,376	Sept. 7, 1999	Naoto Miyoshi et al.	423	213.5	Mar. 14, 1996
1.	5,950,421	Sept. 14, 1999	Mohinder S. Chattha et al.	60	274	Dec. 18, 1997
111	5,964,088	Oct. 12, 1999	Yukio Kinugasa et al.	60	286	Mar. 19, 1997

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EXAMINER	DOCUMENT			CLASS	,		ING DATE	3
INITIAL	NUMBER	ISSUE DATE			SUBCLA	711	(if appropriate)	
	5,965,481	Oct. 12, 1999	Daniel Durand et al.	502	304		. 16, 1994	
	5,968,462	Oct. 19, 1999	Hiromasa Suzuki	423	213.2		. 10, 1997	
	5,968,463	Oct. 19, 1999	Mordecai Shelef et al.	423	213.5	June	June 12, 1998	
	5,968,466	Oct. 19, 1999	Karl C.C. Kharas	423	239.2	May	May 28, 1996	
	5,968,861	Oct. 19, 1999	Jennifer C. Feeley et al.	502	74	Feb.	12, 1998	
	5,972,821	Oct. 26, 1999	Sigeru Nojima et al.	502	66	Oct.	1, 1997	
	5,974,793	Nov. 2, 1999	Yukio Kinugasa et al.	60	285	Apr.	11, 1997	
	5,976,475	Nov. 2, 1999	Jeremy D. Peter-Hoblyn et al.	423	212	Apr.	2, 1997	
	5,979,157	Nov. 9, 1999	Yukio Kinugasa et al.	60	274	Aug	. 14, 1997	
	5,983,628	Nov. 16, 1999	Christopher E. Borroni-Bird et al.	60	274	Jan.	29, 1998	
	5,985,225	Nov. 16, 1999	Hirofumi Ohtsuka et al.	428	239 2	Oct.	4, 1996	
	5,990,038	Nov. 23, 1999	Katsuo Suga et al.	502	303	Feb.	23, 1998	
	5,993,764	Nov. 30, 1999	Takeshi Tabata et al.	428	239.2	Apr.	10, 1996	
	5,996,338	Dec. 7, 1999	Shinya Hirota	60	285	Oct.	28, 1997	
	6,004,521	Dec. 21, 1999	Naoto Miyoshi et al.	423	213.5		26, 1996	
	6,006,515	Dec. 28, 1999	Koutaro Wakamoto	60	274		. 16, 1995	
	6,008,155	Dec. 28, 1999	Kazuhide Terada et al.	502	355		. 28, 1997	
	6,010,673	Jan. 4, 2000	Takaaki Kanazawa et al.	423	213.5		29, 1996	
	6,027,698	Feb. 22, 2000	Chang Yul Cha	422	186		8, 1998	
	6,028,023	Feb. 22, 2000	Albert A. Vierheilig	502	84		Oct. 20, 1997	
· · · · · · · · · · ·	6,029,441	Feb. 29, 2000	Hiroshige Mizuno	60	274		4, 1997	
	6,029,442	Feb. 29, 2000	Robert P. Caren et al.	60	275		7, 1997	
	6,030,590	Feb. 29, 2000	Mitsunori Tabata et al.	423	239.1		26, 1996	
na	6,030,916	Feb. 29, 2000	Nettem Venkateshwarlu	502	65		9, 1998	
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